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These values are to be added to the (unknown) absorption in the zenith to obtain the absolute absorption.

In presenting the above results to astronomers for practical use, I feel quite confident that they will be sufficiently accurate for all exposures made on SEED plates sensitometer No. 26, which have been *fully* developed. J. M. SCHAEBERLE.

MOUNT HAMILTON, October 20, 1892.

In celestial photography it is very desirable to have some simple and convenient method of doing away with the reflection from the back of the photographic plate. Especially is this the case when it is desired to obtain representations of very faint objects in the immediate neighborhood of very bright stars. Some experiments which I have made led up to the following simple and effectual method:

On the photographic plate, held in a horizontal position, film side down, a number of drops of clean water are allowed to fall near the centre of the plate; a piece of red glass* is then placed upon this water in such a way that no air spaces can be formed between the two glass surfaces. The capillary attraction will keep the water between the glass surfaces, and a border frame of blotting paper will keep any stray water from reaching the film side of the plate. Folding "book" plate-holders (like the "Daisy") may be used to keep the glasses pressed together during the exposure. The difference between the density of glass and water being much less that of air and water, nearly all the blue rays which have passed through the film now easily enter the red glass surface and are absorbed.

After the exposure of the plates, the whole combination can be placed in the developing tray before the removal of the red glass, if so desired. J. M. SCHAEBERLE.

ERRATA IN *PUBLICATIONS* NO. 25.

By an error of the printers the advertisements at the end of No. 25 of the Publications were printed on page 204 (the reverse of page 203). Members are requested to remove page 203 (end of No. 25) when binding the present volume. The pagination will then be correct. THE COMMITTEE ON PUBLICATION.

On page 199 the numbering of the Satellites of *Jupiter* in the order of occultation should read IV, II, I and III. J. M. S.

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* Somewhat smaller than the sensitive plate.